

Ch 11 Test
tomorrow

This is how the
formulas will
appear.

$$\begin{aligned}
 a_n &= a_1 + (n-1)d & A \\
 a_n &= a_1 r^{n-1} & G \\
 S_n &= \frac{n}{2}(a_1 + a_n) & A \\
 S_n &= \frac{n}{2}(2a_1 + (n-1)d) & \\
 S_n &= \frac{a_1 - ra_n}{1-r} & \\
 S_n &= \frac{a_1 - a_1 r^n}{1-r} & G \\
 S_n &= \frac{a_1(1-r^n)}{1-r} & \\
 S_\infty &= \frac{a_1}{1-r} & \infty
 \end{aligned}$$

Be able to

- find a specific term
- find a sum
- find means
- find d or r
- put into sigma notation
- solve word problems
- arith., geom, or infinite

• *repeating decimals*

2013

- expand a binomial using Pascal's triangle



2013

Review Assignment

p627 #s 1-15, 23, 24

p626 #46

p624 #26

p623 #18 (put into sigma notation and find sum)